

## WEST Search History

[Hide Items](#) [Restore](#) [Clear](#) [Cancel](#)

DATE: Saturday, March 19, 2005

*Search B*

[Hide?](#) [Set Name](#) [Query](#)

**Hit Count**

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L12	L11 and (frequency)	49
<input type="checkbox"/>	L11	L9 and ((percent\$4 or amount\$4 or total or number) with (pixel or voxel))	61
<input type="checkbox"/>	L10	L9 and ((percent\$4 or amount\$4 or total or number) with (pixel oe voxel))	0
<input type="checkbox"/>	L9	L8 and (percent\$4 or amount\$4 or total or number)	1383
<input type="checkbox"/>	L8	L7 and (fat\$2 or water or lipid or oil)	1385
<input type="checkbox"/>	L7	L6 and (drift\$4 or shift\$4)	1609
<input type="checkbox"/>	L6	L5 and ((magnetic adj resonance) or MRI or NMR)	5079
<input type="checkbox"/>	L5	(median)	88889
<input type="checkbox"/>	L4	L1 and ((center\$4 or central\$3 or middle) with (pixel or voxel))	4
<input type="checkbox"/>	L3	L1 and ((center\$4 or central\$3 or middle) with (pixel oe voxel))	0
<input type="checkbox"/>	L2	L1 and (median)	0
<input type="checkbox"/>	L1	4885542	24

END OF SEARCH HISTORY

# WEST Search History

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DATE: Saturday, March 19, 2005

*Search A*

<u>Hide?</u>	<u>Set</u>	<u>Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>				
<input type="checkbox"/>	L21	L13 and (median)		3
<input type="checkbox"/>	L20	L18 and (median)		0
<input type="checkbox"/>	L19	L18 and ((median or middle) with (pixel or voxel or ((picture or volume) with element)))		0
<input type="checkbox"/>	L18	L17 and ((median or middle or center\$4 or central\$2) with (pixel or voxel or ((picture or volume) with element)))		11
<input type="checkbox"/>	L17	L16 and ((suppress\$4 or cancel\$4 or cancellation or minimiz\$5 or reduc\$4) with (fat\$2 or water or lipid))		11
<input type="checkbox"/>	L16	L15 and (fat\$2 or water or lipid)		25
<input type="checkbox"/>	L15	L13 and (suppress\$4 or cancel\$4 or cancellation or minimiz\$5 or reduc\$4)		35
<input type="checkbox"/>	L14	L13 and (suppress\$4 or cancel\$4 or cancellation or minimiz\$5)		27
<input type="checkbox"/>	L13	L12 and ((median or middle or center\$4 or central\$2) with (slice or plane or slab or volume))		36
<input type="checkbox"/>	L12	L11 and ((percent\$4 or amount\$3 or number or total or ratio or threshold\$3 or cutoff or "cut off" or cut-off) with (pixel or voxel or ((picture or volume) with element)))		83
<input type="checkbox"/>	L11	L10 and (pixel or voxel or ((picture or volume) with element))		126
<input type="checkbox"/>	L10	L9 and (field with map\$4)		177
<input type="checkbox"/>	L9	L8 and (even or odd or positive or negative or plus or minus or polarity or "up" or "down" or "above" or "below")		207
<input type="checkbox"/>	L8	L7 and (percent\$4 or amount\$3 or number or total or ratio or threshold\$3 or cutoff or "cut off" or cut-off)		210
<input type="checkbox"/>	L7	L6 and ((map\$4) with (field or slice))		213
<input type="checkbox"/>	L6	L5 and (map\$4)		976
<input type="checkbox"/>	L5	L4 and ((adjust\$4 or correct\$4 or alter\$4 or modify\$3 or modif\$4 or control\$4 or chang\$4 or vary or varying or varied) with frequency)		2841
<input type="checkbox"/>	L4	L3 and ((magnetic adj resonance) or MRI or NMR)		6775
<input type="checkbox"/>	L3	((median or middle or center\$4 or central\$2) with (pixel or value or frequency or offset\$4 or "off set\$4" or off-set\$4))		358042
<input type="checkbox"/>	L2	(5541513  5689186  5869965  5923168  5926022)![pn]		10
<input type="checkbox"/>	L1	6064205		9

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Search Results - Record(s) 1 through 25 of 25 returned.

1. Document ID: US 20050033156 A1

Using default format because multiple data bases are involved.

L16: Entry 1 of 25

File: PGPB

Feb 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050033156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050033156 A1

TITLE: Method and magnetic resonance tomography apparatus for correcting changes in the basic magnetic field

PUBLICATION-DATE: February 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kruger, Gunnar	Erlangen		DE	
Thesen, Stefan	Erlangen		DE	

US-CL-CURRENT: 600/410

[Full](#) [Title](#) [Creation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [DOCID](#) [Drawings](#)

2. Document ID: US 20050024051 A1

L16: Entry 2 of 25

File: PGPB

Feb 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050024051

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050024051 A1

TITLE: Correction of magnetic resonance images

PUBLICATION-DATE: February 3, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Doddrell, David M.	Brisbane		AU	
Zhao, Huawei	Brisbane		AU	

US-CL-CURRENT: 324/307; 324/309

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawings](#)

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3. Document ID: US 20040254449 A1

L16: Entry 3 of 25

File: PGPB

Dec 16, 2004

PGPUB-DOCUMENT-NUMBER: 20040254449

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040254449 A1

TITLE: System for concurrent MRI imaging and magnetic field homogeneity measurement

PUBLICATION-DATE: December 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Roopchansingh, Vinai	Milwaukee	WI	US	
Cox, Robert W.	Bethesda	MD	US	
Jesmanowicz, Andrzej	Wauwatosa	WI	US	
Hyde, James S.	Dousman	WI	US	

US-CL-CURRENT: 600/410; 324/309

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawings](#)

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4. Document ID: US 20040210130 A1

L16: Entry 4 of 25

File: PGPB

Oct 21, 2004

PGPUB-DOCUMENT-NUMBER: 20040210130

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040210130 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

PUBLICATION-DATE: October 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 600/420; 324/307, 324/309

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawings](#)

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5. Document ID: US 20040092809 A1

L16: Entry 5 of 25

File: PGPB

May 13, 2004

PGPUB-DOCUMENT-NUMBER: 20040092809  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040092809 A1

TITLE: Methods for measurement and analysis of brain activity

PUBLICATION-DATE: May 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
DeCharms, Richard Christopher	Montara	CA	US	

US-CL-CURRENT: 600/410

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Preference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [DOC](#) | [Urson](#)

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6. Document ID: US 20040027127 A1

L16: Entry 6 of 25

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040027127  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040027127 A1

TITLE: 4 dimensional magnetic resonance imaging

PUBLICATION-DATE: February 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mills, Randell L	Newtown	PA	US	

US-CL-CURRENT: 324/317

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Preference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [DOC](#) | [Urson](#)

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7. Document ID: US 20030163036 A1

L16: Entry 7 of 25

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030163036  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030163036 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 600/420[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMI](#) | [Drawn](#)

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 8. Document ID: US 20030047083 A1

L16: Entry 8 of 25

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030047083

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030047083 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

PUBLICATION-DATE: March 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 99/325; 99/486[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMI](#) | [Drawn](#)

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 9. Document ID: US 20020180438 A1

L16: Entry 9 of 25

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020180438

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020180438 A1

TITLE: MRI-BASED TEMPERATURE MAPPING WITH ERROR COMPENSATION

PUBLICATION-DATE: December 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Froundlich, David	Haifa		IL	
Shapira, Yerucham	Rehovot		IL	

US-CL-CURRENT: 324/315; 324/309, 324/318[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMI](#) | [Drawn](#)

10. Document ID: US 20010034483 A1

L16: Entry 10 of 25

File: PGPB

Oct 25, 2001

PGPUB-DOCUMENT-NUMBER: 20010034483

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010034483 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

PUBLICATION-DATE: October 25, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 600/420[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#) 11. Document ID: US 20010002315 A1

L16: Entry 11 of 25

File: PGPB

May 31, 2001

PGPUB-DOCUMENT-NUMBER: 20010002315

PGPUB-FILING-TYPE: new-utility

DOCUMENT-IDENTIFIER: US 20010002315 A1

TITLE: Plasmon resonant particles, methods and apparatus

PUBLICATION-DATE: May 31, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schultz, Sheldon	La Jolla	CA	US	
Schultz, David A.	La Jolla	CA	US	
Smith, David R.	La Jolla	CA	US	
Mock, Jack J.	Del Mar	CA	US	
Silva, Thomas J.	Golden	CO	US	

US-CL-CURRENT: 436/172; 382/129, 435/6, 436/518[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#) 12. Document ID: US 6754521 B2

L16: Entry 12 of 25

File: USPT

Jun 22, 2004

US-PAT-NO: 6754521

DOCUMENT-IDENTIFIER: US 6754521 B2

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: June 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/309

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | | | | [Claims](#) | [KIN/C](#) | [Drawings](#)

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13. Document ID: US 6741881 B2

L16: Entry 13 of 25

File: USPT

May 25, 2004

US-PAT-NO: 6741881

DOCUMENT-IDENTIFIER: US 6741881 B2

\*\* See image for Certificate of Correction \*\*

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: May 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | | | | [Claims](#) | [KIN/C](#) | [Drawings](#)

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14. Document ID: US 6559644 B2

L16: Entry 14 of 25

File: USPT

May 6, 2003

US-PAT-NO: 6559644

DOCUMENT-IDENTIFIER: US 6559644 B2

TITLE: MRI-based temperature mapping with error compensation

DATE-ISSUED: May 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Froundlich; David	Haifa			IL
Shapira; Yerucham	Rehovot			IL

US-CL-CURRENT: 324/315; 324/306[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [DOC](#) | [Drawings](#) 15. Document ID: US 6526352 B1

L16: Entry 15 of 25

File: USPT

Feb 25, 2003

US-PAT-NO: 6526352

DOCUMENT-IDENTIFIER: US 6526352 B1

TITLE: Method and arrangement for mapping a road

DATE-ISSUED: February 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE ZIP CODE	COUNTRY
Breed; David S.	Boonton Township, Morris County	NJ	
Johnson; Wendell C.	Signal Hill	CA	
Castelli; Vittorio	Yorktown Heights	NY	
Seitz; William E.	Bedford	NH	
DuVall; Wilbur E.	Kimberling City	MO	

US-CL-CURRENT: 701/213; 342/357.13, 701/200, 701/208, 701/210[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [DOC](#) | [Drawings](#) 16. Document ID: US 6477398 B1

L16: Entry 16 of 25

File: USPT

Nov 5, 2002

US-PAT-NO: 6477398

DOCUMENT-IDENTIFIER: US 6477398 B1

TITLE: Resonant magnetic susceptibility imaging (ReMSI)

DATE-ISSUED: November 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mills; Randell L.	Yardley	PA	19067	

US-CL-CURRENT: 600/409; 324/201, 600/410[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [DOC](#) | [Drawings](#) 17. Document ID: US 6463318 B2

L16: Entry 17 of 25

File: USPT

Oct 8, 2002

US-PAT-NO: 6463318  
DOCUMENT-IDENTIFIER: US 6463318 B2

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: October 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

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18. Document ID: US 6240311 B1

L16: Entry 18 of 25

File: USPT

May 29, 2001

US-PAT-NO: 6240311  
DOCUMENT-IDENTIFIER: US 6240311 B1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: May 29, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KWM](#) | [Drawings](#)

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19. Document ID: US 6180415 B1

L16: Entry 19 of 25

File: USPT

Jan 30, 2001

US-PAT-NO: 6180415  
DOCUMENT-IDENTIFIER: US 6180415 B1  
\*\* See image for Certificate of Correction \*\*

TITLE: Plasmon resonant particles, methods and apparatus

DATE-ISSUED: January 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; Sheldon	La Jolla	CA		

Schultz; David A.	La Jolla	CA
Smith; David R.	La Jolla	CA
Mock; Jack J.	Del Mar	CA
Silva; Thomas J.	Golden	CO

US-CL-CURRENT: 436/518; 356/301, 356/307, 356/317, 356/318, 356/337, 436/164,  
436/171, 436/524, 436/525, 436/805

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [EPO](#) | [Drawings](#)

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20. Document ID: US 5792056 A

L16: Entry 20 of 25

File: USPT

Aug 11, 1998

US-PAT-NO: 5792056

DOCUMENT-IDENTIFIER: US 5792056 A

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a  
magnetic resonance contrast agent

DATE-ISSUED: August 11, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

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21. Document ID: US 5590654 A

L16: Entry 21 of 25

File: USPT

Jan 7, 1997

US-PAT-NO: 5590654

DOCUMENT-IDENTIFIER: US 5590654 A

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a  
magnetic resonance contrast agent

DATE-ISSUED: January 7, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/309

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [EPO](#) | [Drawings](#)

22. Document ID: US 5168232 A

L16: Entry 22 of 25

File: USPT

Dec 1, 1992

US-PAT-NO: 5168232

DOCUMENT-IDENTIFIER: US 5168232 A

\*\* See image for Certificate of Correction \*\*

TITLE: Method for rapid magnet shimming

DATE-ISSUED: December 1, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Glover; Gary H.	Menlo Park	CA		
Schneider; Erika	New Berlin	WI		

US-CL-CURRENT: 324/320; 324/307[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [DRAFT](#) | [Image](#) | [D](#) 23. Document ID: US 4970457 A

L16: Entry 23 of 25

File: USPT

Nov 13, 1990

US-PAT-NO: 4970457

DOCUMENT-IDENTIFIER: US 4970457 A

TITLE: MRI compensated for spurious rapid variations in static magnetic field during a single MRI sequence

DATE-ISSUED: November 13, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kaufman; Leon	San Francisco	CA		
Crooks; Lawrence E.	Richmond	CA		
Hale; James D.	Berkeley	CA		
Kramer; David M.	San Rafael	CA		
Hake; Kristen	South San Francisco	CA		
Avram; Heckor	Foster City	CA		
Wummer; Joel	San Francisco	CA		

US-CL-CURRENT: 324/309; 324/307, 324/313[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [DRAFT](#) | [Image](#) | [D](#) 24. Document ID: US 4885542 A

L16: Entry 24 of 25

File: USPT

Dec 5, 1989

US-PAT-NO: 4885542

DOCUMENT-IDENTIFIER: US 4885542 A

TITLE: MRI compensated for spurious NMR frequency/phase shifts caused by spurious changes in magnetic fields during NMR data measurement processes

DATE-ISSUED: December 5, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yao; Ching	Belmont	CA		
Hale; James D.	Berkeley	CA		
Crooks; Lawrence E.	Richmond	CA		
Kaufman; Leon	San Francisco	CA		

US-CL-CURRENT: 324/313; 324/307

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMD](#) | [Drawings](#)

 25. Document ID: US 4521733 A

L16: Entry 25 of 25

File: USPT

Jun 4, 1985

US-PAT-NO: 4521733

DOCUMENT-IDENTIFIER: US 4521733 A

TITLE: NMR Imaging of the transverse relaxation time using multiple spin echo sequences

DATE-ISSUED: June 4, 1985

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bottomley; Paul A.	Clifton Park	NY		
Edelstein; William A.	Schenectady	NY		

US-CL-CURRENT: 324/309; 324/307

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMD](#) | [Drawings](#)

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Term	Documents
WATER	3856435
WATERS	79640

LIPID	91332
LIPIDS	57600
FAT\$2	0
FAT	152469
FATA	517
FATAA	1
FATAB	2
FATAD	2
FATAE	1
(L15 AND (FAT\$2 OR WATER OR LIPID)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	25

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Search Results - Record(s) 1 through 11 of 11 returned.

1. Document ID: US 20040210130 A1

Using default format because multiple data bases are involved.

L17: Entry 1 of 11

File: PGPB

Oct 21, 2004

PGPUB-DOCUMENT-NUMBER: 20040210130

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040210130 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a  
magnetic resonance contrast agent

PUBLICATION-DATE: October 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 600/420; 324/307, 324/309

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [WOIC](#) | [Drawings](#)

2. Document ID: US 20030163036 A1

L17: Entry 2 of 11

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030163036

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030163036 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a  
magnetic resonance contrast agent

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 600/420

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [WOIC](#) | [Drawings](#)

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 3. Document ID: US 20030047083 A1

L17: Entry 3 of 11

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030047083

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030047083 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

PUBLICATION-DATE: March 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 99/325; 99/486[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMD](#) | [Drawn D](#)

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 4. Document ID: US 20010034483 A1

L17: Entry 4 of 11

File: PGPB

Oct 25, 2001

PGPUB-DOCUMENT-NUMBER: 20010034483

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010034483 A1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

PUBLICATION-DATE: October 25, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prince, Martin R.	Ann Arbor	MI	US	

US-CL-CURRENT: 600/420[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMD](#) | [Drawn D](#)

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 5. Document ID: US 6754521 B2

L17: Entry 5 of 11

File: USPT

Jun 22, 2004

US-PAT-NO: 6754521

DOCUMENT-IDENTIFIER: US 6754521 B2

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: June 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/309

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | | | | [Claims](#) | [KMC](#) | [Drawings](#)

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6. Document ID: US 6741881 B2

L17: Entry 6 of 11

File: USPT

May 25, 2004

US-PAT-NO: 6741881

DOCUMENT-IDENTIFIER: US 6741881 B2

\*\* See image for Certificate of Correction \*\*

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: May 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | | | | [Claims](#) | [KMC](#) | [Drawings](#)

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7. Document ID: US 6463318 B2

L17: Entry 7 of 11

File: USPT

Oct 8, 2002

US-PAT-NO: 6463318

DOCUMENT-IDENTIFIER: US 6463318 B2

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: October 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

[Full] [Title] [Citation] [Front] [Review] [Classification] [Date] [Reference] [Claims] [IACM] [Drawn]

8. Document ID: US 6240311 B1

L17: Entry 8 of 11

File: USPT

May 29, 2001

US-PAT-NO: 6240311

DOCUMENT-IDENTIFIER: US 6240311 B1

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a  
magnetic resonance contrast agent

DATE-ISSUED: May 29, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

[Full] [Title] [Citation] [Front] [Review] [Classification] [Date] [Reference] [Claims] [IACM] [Drawn]

9. Document ID: US 5792056 A

L17: Entry 9 of 11

File: USPT

Aug 11, 1998

US-PAT-NO: 5792056

DOCUMENT-IDENTIFIER: US 5792056 A

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a  
magnetic resonance contrast agent

DATE-ISSUED: August 11, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/307, 324/309

[Full] [Title] [Citation] [Front] [Review] [Classification] [Date] [Reference] [Claims] [IACM] [Drawn]

10. Document ID: US 5590654 A

L17: Entry 10 of 11

File: USPT

Jan 7, 1997

US-PAT-NO: 5590654

DOCUMENT-IDENTIFIER: US 5590654 A

TITLE: Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent

DATE-ISSUED: January 7, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Martin R.	Ann Arbor	MI	48105	

US-CL-CURRENT: 600/420; 324/309

Full  Title  Citation  Front  Review  Classification  Date  Reference    Claims  KMC  Drawn by

11. Document ID: US 4885542 A

L17: Entry 11 of 11

File: USPT

Dec 5, 1989

US-PAT-NO: 4885542

DOCUMENT-IDENTIFIER: US 4885542 A

TITLE: MRI compensated for spurious NMR frequency/phase shifts caused by spurious changes in magnetic fields during NMR data measurement processes

DATE-ISSUED: December 5, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yao; Ching	Belmont	CA		
Hale; James D.	Berkeley	CA		
Crooks; Lawrence E.	Richmond	CA		
Kaufman; Leon	San Francisco	CA		

US-CL-CURRENT: 324/313; 324/307

Full  Title  Citation  Front  Review  Classification  Date  Reference    Claims  KMC  Drawn by

Term	Documents
CANCELLATION	54683
CANCELLATIONS	1765
WATER	3856435
WATERS	79640
LIPID	91332
LIPIDS	57600
SUPPRESS\$4	0

SUPPRESS	301962
SUPPRESSA	4
SUPPRESSABLE	43
SUPPRESSABLY	1
(L16 AND ((SUPPRESS\$4 OR CANCEL\$4 OR CANCELLATION OR MINIMIZ\$5 OR REDUC\$4) WITH (FAT\$2 OR WATER OR LIPID)) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	11

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